SANYO

Multimedia LCD Projector PLV-WF10

Ultra-Bright 16:9 Wide-Screen Projection

With the PLV-WF10, Sanyo introduces a high-performance, wide-screen projector that's ideal for theaters, HDTV post-production, AV classrooms, events and other professional uses.

Brings Out the Best Image Quality from Any Source

Native 16:9 Wide Panels with 3 Million Pixels

The PLV-WF10's 1.2-inch wide polysilicon TFT LCD panels with micro lens LCD panels (1366 lines x 768 dots x 3panels) and 16:9 aspect ratio deliver images of the full size from HD and DVD-video sources. And with about 3,150,000 pixels, its high resolution assures superior wide-screen viewing.

16:9 wide LCD panel

High-impact 16:9 wide screen

Multi-Lamp Optical System with 4,000 lm Brightness

Two high-output 250-W UHP lamps team up to deliver brightness of 4,000 lm. The integrator mechanism diffuses light evenly over the LCD panel, achieving brightness uniformity of above 90%.

High Contrast of 900:1

The high-contrast optical system minimizes white-outs and dark blotches and prevents blacks from appearing to "float" in dark scenes. This enhanced contrast effect results in sharp images with outstanding depth.

High contrast image

Advanced Image Technologies

- New Progressive Scan IC assures superior images from film sources. Fully compatible with 2-3 pull-down and HDTV (1080i) signals.
- High-Color-Purity Optical System offers clean, vivid, richer color, particularly from HD and DVD-video sources.
- 3D Color Correction Circuit dramatically reduces brightness and color irregularities, resulting in greater brightness uniformity.
- Three 3D Digital Circuits include a 3D digital progressive circuit, a Y/C separation circuit and a noise reduction circuit.
- Crosstalk/Ghost Canceller eliminates ghosts and after-images. Intelligent Sharpness Controller sharpens the detail in image areas such as straight lines and characters.
- 10-Bit Digital Gamma Correction adjusts the gradation of each image, achieving smoother overall gradation.

Real Color Manager

This makes it easy to adjust the white balance and gamma curve so that you get faithful color reproduction in almost any projection environment. Simply project the images from the enclosed CD-ROM and compare them with the images on the enclosed photo sheet, then adjust as necessary. The gamma curve for each RGB color is independently adjustable.

Expandable – Adapts to a Variety of Systems

Replaceable Lenses

Nine optional lenses are available for the PLV-WF10. The mount system makes it easy to change a lens.

Versatile Interfaces

The PLV-WF10 comes standard with three slots and three interface boards that let you connect a wide range of peripheral equipment. A number of optional interface boards are also available.

Optional interface boards	
RGB (mini D-sub 15pin)	POA-MD04VGA
HD-SDI	POA-MD08HD
SD-SDI	POA-MD16SDI
I/P conversion	POA-MD08VD3
Network	POA-MD13NET/2

RS-232C In/Out

The RS-232C terminals, including both input and cross-through output terminals, can be controlled from external devices. This makes it easy to configure a system tailored to your needs.

Network Board (Option)

Adding an optional board (PJ-NET Organizer board: POA-MD13NET/ POA-MD13NET2) gives you greater conrol over operational settings and remote management than you get with the conventional RS-232C interface.

Power-Driven Lens Shift

This function lets you move the screen without having to lift and move the main unit. It's especially convenient when projecting with two units stacked.

Other Features

- Fail-safe function switches to single lamp mode if one lamp fails.
- Left-right digital keystone correction (±10°)
- On-start function allows quick projection simply by switching the main power on.
- Power management function switches off the power when no signal is input.
- DRIT for high-definition digital resizing
- Rear and hanging projection capability
- USB terminal for mouse control
- Built-in stereo amplifier and speakers (3 W + 3 W)
- Wireless/wired mouse remote controller with built-in laser pointer

Dedicated options

Mounting hardware for low ceilings
POA-CHS803

Mounting hardware for high ceilings
POA-CHL803

Stacking hardware
POA-CHT803

Shipping case
POA-CC-XF30

Model number		PLV-WF10
System		3-color LCD shutter projection system
Optics		Dichroic mirror separation/prism synthesis system
LCD panel	Size	1.21-inch (16:9) x 3
	Drive system	Polysilicon active matrix TFT with micro lens
	Number of pixels	3,147,264 pixels: 1,048,088 (1,366 lines x 768 dots) x 3
	Configuration	Stripe
Lens		Optional
Lamp		250W UHP x 2
Projection size		30 to 400 inches (diagonal)
Throw distance		Differs depending on installed lens
Color reproduction		Full color (16.77 million colors)
Brightness		4,000 lm
Uniformity		90%
Contrast ratio (full on/off)		900:1
Noise		46 dB
Audio amplifier		3 W + 3 W
Speaker		(5 x 9 cm) x 2

Scanning frequency		H sync: 15–120 kHz, V sync: 50–120Hz, Dot clock: 230 MHz
Up/Down ratio		-3:10—10:-3
Digital keystone correction		R/L ±10°
Horizontal resolution	RGB	1,366 lines x 768 dots
	Video	HDTV: 800 TV lines
Terminals	Input 1	DVI-I, audio: RCA x 2, control: mini DIN 8-pin
	Input 2	RGBHV/YPbPr (YCbCr): BNC x 5, audio: RCA x 2, control: mini DIN 8-pin
	Input 3	Video/YC: BNC x 2, S-Video: mini DIN 4-pin, audio: RCA x 2, control: mini DIN 8-pin
	Control	Serial (RS-232C) in/out: D-sub 9-pin x 2, USB: type B x 1, wired remote control: stereo mini x 1
Operating temperature		5–35°C
Power supply		AC 100—240 V, 50/60 Hz, auto-voltage
Power consumption		700 W
Dimensions (W x H x D)		439 x 230 x 506 mm
Net weight		21.0 kg
Standard accessories		AC power cord, Wireless/wired remote control unit (dry batteries x 2, wired cable supplied), Dust cover, Mouse control cable (PS/2, Mac, serial), VGA cable, VGA/Mac adapter, DVI cable, DVI/D-sub (mini 15-pin) adapter, Owner's manual, Lens cover

*Specifications subject to change without notice.

Further details regarding this product can be accessed at http://www.sanyo-lcdp.com/english/

***Caution:** please consult the instruction manual to ensure safe and proper operation of the product.

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